



ONTARIO

Department of Education

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INSTRUCTIONS

RELATING TO

SUBJECTS OF STUDY

FOR

GRADES IX, X, XI, XII and XIII

IN

COLLEGIATE INSTITUTES, HIGH, VOCATIONAL
AND CONTINUATION SCHOOLS

AND FOR

GRADES IX AND X


IN

PUBLIC AND SEPARATE SCHOOLS

1950 - 1951

The relevant portions of this circular will be printed also in memoranda dealing with the curriculum of the Intermediate and Senior Divisions, respectively.

Issued by Authority of
The Minister of Education



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SUBJECTS OF STUDY

The time allotment suggested for the 40-period week represents an estimate of the relative importance of the various subjects of study in each of the courses. The principal is not required to adhere rigidly to the number of periods set forth; special modifications of the time allotment to suit local conditions may be made.

Principals are advised to use a 40-period week in order to keep the number of lesson periods each day to a minimum. In smaller schools with limited teaching power, or in schools with departments of agriculture where pupils carry options in both Shop Work and Agriculture, principals may find it necessary to use a 45-period week.

In order to reduce the difficulties of transition from Grade VIII to Grade IX and to promote a closer relationship between teacher and pupil, principals of secondary schools are advised to keep to a minimum the number of teachers who teach in any one of the classes of Grades IX and X.

GRADE IX

GENERAL COURSE

Obligatory Subjects	Number of Periods
English	6
Social Studies	6
Physical Education	4
Mathematics	5
Guidance (Occupations)	2

Options—Any three of

General Science or Agricultural Science, French, Art or Music or Art and Music, Shop Work or Home Economics, Agriculture, Typewriting or Business Practice or Typewriting and Business Practice	16
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Note 1.—**Re French.** A pupil who intends to select in Grade XI a course qualifying him for entrance to university should select French as an option in Grade IX.

Note 2.—**Re Special Courses.** Where the approval of the Minister has been obtained, special courses may be arranged for pupils who do not intend to qualify for the Intermediate Certificate.

VOCATIONAL COURSES

In Vocational Schools, the time allotted to the teaching of the practical subjects in any **one** of the Industrial, Agricultural, Home Economics, Commercial, or Art courses shall not be less than twenty-five per cent (25%) of the total time. In a time table of a pupil exploring two vocational courses, the time allotted to the teaching of the practical subjects of those courses shall not be less than thirty-five per cent (35%) of the total time. Special vocational courses may be arranged with the approval of the Minister.

For grant purposes, a vocational pupil shall be one who is enrolled in any one of the foregoing vocational courses.

In the Industrial Course, Drafting is an obligatory shop subject.

GRADE X

GENERAL COURSE

Obligatory Subjects	Number of Periods
English	7
Social Studies	6
Physical Education	4
Options —Any four of	
Mathematics, General Science or Agricultural Science, Latin, French, Greek or Spanish or German, Art or Music or Art and Music, Shop Work or Home Economics, Agriculture, Typewriting or Business Practice or Typewriting and Business Practice	22

Note 1.—With the approval of the principal, a pupil who is not a candidate for an Intermediate Certificate may select fewer than four options.

Note 2.—In schools with Departments of Agriculture, a pupil taking both Agriculture and Shop Work may select five options.

Note 3.—The principal should make certain that the pupil in the General Course selects the options which are essential to the course he intends to pursue in Grades XI, XII and XIII.

Note 4.—**Re Prerequisite Options.** Standing in Mathematics or a language in Grade X is a prerequisite for the corresponding subject in Grade XI. Standing in Science or Agricultural Science, Art or Music or Art and Music, Shop Work or Home Economics, Agriculture, Typewriting or Business Practice or Typewriting and Business Practice in **either** Grade IX or Grade X is a prerequisite for the corresponding subject in Grade XI.

INDUSTRIAL OR AGRICULTURAL COURSE

Obligatory Subjects	Number of Periods
English	7
Social Studies	5
Physical Education	4
Mathematics	5
Science or Agricultural Science	4
Shop Work or Agriculture and Shop Work	10
Options —Any one of	
Art or Music or Art and Music, Drafting, French	4

HOME ECONOMICS COURSE

Obligatory Subjects	Number of Periods
English	7
Social Studies	5
Physical Education	4
Home Economics	14
Options —Any two of	
Mathematics, Science or Agricultural Science, French, Art or Music or Art and Music, Commercial Work	9

COMMERCIAL COURSE

Obligatory Subjects	Number of Periods
English	7
Social Studies	5
Physical Education	4
Business Arithmetic	3
Commercial Subjects	12-16
Options —Any one or two of	
French, Shop Work or Home Economics, Art or Music or Art and Music, Science or Agricultural Science	4-8

ART COURSE

Obligatory Subjects	Number of Periods
English	7
Social Studies	5
Physical Education	4
Art	14
Options —Any two of	
Mathematics, Science, Shop Work or Home Economics, French, Music, Commercial Work	9

GRADES XI AND XII

GENERAL COURSE

Obligatory Subjects	Number of Periods
English	7
History	5
Physical Education	4

Options—Any four of

Mathematics, Science or Agricultural Science, Geography, French, Latin, German, Greek, Spanish, Italian, Commercial Work, Shop Work or Home Economics, Art or Music or Art and Music, Agriculture	23
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Note 1.—The time allotted to any option which is taken for credit towards the Secondary School Graduation Diploma shall not be less than five periods.

INDUSTRIAL OR AGRICULTURAL COURSE

Obligatory Subjects	Number of Periods
English	5
History and Elements of Economics	4
Physical Education	4
Mathematics	4
Science or Agricultural Science	4
Shop Work or Agriculture and Shop Work	14

Options—Any one of

Art or Music or Art and Music, Drafting, French	4
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HOME ECONOMICS COURSE

Obligatory Subjects	Number of Periods
English	6
History and Elements of Economics	4
Physical Education	4
Science or Agricultural Science or Art	4
Home Economics	17

Options—Any one of

French, Mathematics, Music, Commercial Work, Science or Art (if not taken as an obligatory subject)	4
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COMMERCIAL COURSE

Obligatory Subjects	Number of Periods
English, including Correspondence	7
History and Elements of Economics	4
Physical Education	4
Commercial Subjects	16-20

Options—Any one or two of

Mathematics, French, Art or Music or Art and Music, Science, Home Economics or Shop Work, Merchandising	4-8
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ART COURSE

Obligatory Subjects	Number of Periods
English	5
History	4
Physical Education	4
Art and Crafts	22
Options—Any one of	
Science, Mathematics, Shop Work or Home Economics, Music, French, Commercial Work	4

GRADE XIII

Obligatory Subjects

English (Composition and Literature)
Physical Education

Optional Subjects

History	French
Algebra or Mathematics of Investment	French for French-speaking candidates
Geometry	German
Trigonometry and Statics	Greek
Botany	Spanish
Zoology	Italian
Physics	Music
Chemistry	Accountancy Practice or Secretarial Practice
Latin	

CERTIFICATES AND DIPLOMAS

Intermediate Certificate

An Intermediate Certificate will be granted, on the recommendation of the principal of a Collegiate Institute, a High, Continuation, or Vocational School, or on the recommendation of the principal of a Public or Separate School, with the approval of the inspector concerned, to a pupil who has completed successfully the courses of study prescribed for Grades VII, VIII and IX and one of the courses prescribed for Grade X.

Secondary School Graduation Diploma

A Secondary School Graduation Diploma will be granted, on the recommendation of the principal of a Collegiate Institute, a High, Continuation, or Vocational School, to a pupil who has completed successfully one of the courses of study prescribed for Grades XI and XII, or such modifications of these courses as the Minister may approve at the beginning of the school year.

The various types of Secondary School Graduation Diploma are designated as follows:

General	Industrial (continued)
Agriculture	Chemistry
Art	Drafting—Architectural and
Commercial	Building Construc-
Accountancy	tion
General Business	Drafting—Mechanical
Merchandising	Fine Instrument Practice
Secretarial	Foundry Practice
Special	Machine Shop Practice
Home Economics	Mining
Food and Nutrition	Plumbing
Clothing and Textiles	Printing
Salesmanship	Sheet Metal Practice
Homemaking	Watch Making
Hairdressing and Beauty Culture	Welding
Industrial	Woodworking—
Aircraft Mechanics	Cabinet Making
Applied Electricity	Woodworking—Carpentry
Applied Electronics	Woodworking—General
Auto Mechanics	Woodworking—Pattern Making

Note 1.—The Minister may grant the Secondary School Graduation Diploma of the general course to a pupil who has taken a double option in Art, Commercial Work, Home Economics, Shop Work or Music instead of two different options where:

- (a) no vocational course in the subject is offered in the same school;
- (b) at the beginning of the school year the principal obtains the Minister's approval of the double option;
- (c) The time allotted to the double option in each grade is equivalent to the time allotted to two different options;
- (d) the work covered by the double option is on the level of Grades XI and XII and is equivalent to twice the work of the single option in each of these grades;
- (e) the teacher who instructs in the work covered by the double option has qualifications satisfactory to the Minister; and
- (f) the high school accommodations and equipment are satisfactory to the Minister;

and the diploma shall indicate the double option taken.

Note 2.—The Minister may grant a Secondary School Graduation Diploma, with a designation depending upon the circumstances, to a pupil who has successfully completed three years of a course in one department followed by the successful completion of a year's work in another department, but only where the content of the fourth year's work is satisfactory to the Minister.

Note 3.—The Minister may grant a Secondary School Graduation Diploma to a pupil who has not taken all the options in the prescribed course, provided that the Principal certifies that the pupil has completed successfully a four-year Secondary School course consisting of the obligatory subjects and three options of the general course. This diploma will indicate that only three options have been taken.

It should be drawn to the attention of pupils that the three-option diploma of the general course is not accepted as meeting the Middle School (Grades XI and XII) requirements for admission to Universities or to Training Schools for Nurses.

Note 4.—The Minister may grant a Secondary School Graduation Diploma to a pupil who has completed satisfactorily one of the courses of study prescribed for Grades XI and XII, other than the General Course, under a co-operative plan whereby part of the Grade XII course is taken in industry or business, provided that at the beginning of the school year the principal obtains the Minister's approval of such plan.

Secondary School Honour Graduation Diploma.

A Secondary School Honour Graduation Diploma will be issued, on the recommendation of the principal of a Collegiate Institute, a High, Continuation, or Vocational School to a pupil who has attended one year in Grade XIII and has obtained Grade XIII standing in English Composition and English Literature and in at least six Grade XIII papers chosen from the optional subjects.

Geometry, Trigonometry and Statics, Algebra or Mathematics of Investment, History, Physics, Chemistry, Botany, Zoology, Music, Accountancy Practice or Secretarial Practice shall each count as one paper and the languages shall each count as two papers.

Applications for Intermediate Certificates and Graduation Diplomas will be made by the principals concerned upon forms to be supplied by the Department of Education.

GENERAL INFORMATION

Grades IX and X

Note 1.—Intermediate Certificates

A pupil will be recommended by the principal for an Intermediate Certificate when he completes the courses prescribed for Grades VII, VIII, and IX and one of the courses prescribed for Grade X.

No report will be made to the Department on behalf of a pupil at the end of Grade VII, VIII, or IX.

No report will be made to the Department on behalf of a Grade X pupil who is not, in June, 1951, entitled to an Intermediate Certificate.

The new provisions with respect to the Intermediate Certificate place upon the principal of a Grade X pupil the responsibility for ascertaining that the pupil has completed successfully the work of Grades VII, VIII, and IX, even if he took all or part of that work in another school.

It is imperative that a pupil who is changing schools at the end of Grade VII, VIII, or IX be provided with a definite statement indicating the extent to which he has mastered the course of the grade concerned.

Note 2.—Guidance

The Grade IX Course of Study in Occupations will be revised for the school year 1950-51. In Grade X where provision has been made for Group Work in Guidance (Occupations) the course will be that outlined in the revised pamphlet.

With the approval of the Minister, these courses may be modified, depending upon local conditions. This Group Work in Guidance will be in addition to the individual work carried on in all grades.

Note 3.—Physical Education

The course in Physical Education, the related course in Health, and relevant sections of Citizenship Corps Training will be included in one course known as Physical Education. Of the four periods per week allotted to this subject in each grade, three periods will be assigned to an activity programme either indoors or outdoors, and one period to classroom instruction. The revised course will be issued before September 1st, 1950.

Note 4.—Mathematics of Grades IX and X

In September, 1946, a pamphlet (Circular H.S. 12A) was issued indicating a possible order of topics and an allotment of time for each topic for the guidance of teachers of Mathematics in Grades IX and X.

Note 5.—Music and Art Options

For the Intermediate Certificate only **one** of the following options may be counted:

Art,
Music,
Art and Music.

Note 6.—Typewriting and Business Practice Options

For the Intermediate Certificate only **one** of the following options may be counted:

Typewriting,
Business Practice,
Typewriting and Business Practice.

Grades XI and XII

Note 7.—Discontinuance of Departmental Certificates of Grade XII Standing

The issuance of Departmental Certificates showing Departmental standing in the subjects of Grades XI and XII will be discontinued as of September 1st, 1950.

The Secondary School Graduation Diploma of the General Course for 1950-51 and subsequent years will show the optional subjects in which standing has been obtained.

Note 8.—Secondary School Graduation Diplomas

A pupil will be recommended by the principal for a Secondary School Graduation Diploma when he completes successfully one of the courses prescribed for Grades XI and XII.

For 1950-51 and subsequent years no report will be made to the Department on behalf of a pupil at the end of Grade XI.

The discontinuance of Departmental certificates showing Grade XII standing in subjects of Grades XI and XII places upon the principal of a Grade XII pupil the responsibility for ascertaining whether the pupil has completed successfully the work of Grade XI, even if he took that work in another school.

It is imperative that a pupil who is changing schools at the end of Grade XI be provided with a definite statement from his principal indicating the extent of his mastery of the work of Grade XI. Pupils should be warned to retain these statements for presentation to the principal concerned, particularly in the case of pupils who may be planning to do part of the work of Grades XI and XII as private-study candidates.

Note 9.—No Provision for Supplemental Tests in Grade XII

Decision regarding a pupil's eligibility for standing in a subject at the end of Grade XII shall be made only at the end of the school year. The decision shall be based upon the pupil's work during the year, or in the case of a privately-prepared candidate, upon the results of the principal's final tests which the candidate writes at the end of the school year.

That is, a pupil who fails to complete successfully the requirements for the Secondary School Graduation Diploma in June shall not be given an opportunity to complete the requirements before the end of the next school year.

Note 10.—Guidance

Where provision has been made in Grade XII for Group Work in Guidance (Occupations) the course will be that outlined in Circular H.S. 21 as revised in 1947.

With the approval of the Minister, these courses may be modified, depending upon local conditions. This Group Work in Guidance will be in addition to the individual work carried on in all grades.

Note 11.—Physical Education

The course in Physical Education, the related course in Health, and relevant sections of Citizenship Corps Training will be included in one course known as Physical Education. Of the four periods per week allotted to this subject in each grade, three periods will be assigned to an activity programme either indoors or outdoors, and one period to classroom instruction. The revised course will be issued before September 1st, 1950.

Note 12.—Re Commercial Courses

In Commercial Departments of Collegiate Institutes and High and Continuation Schools, the prescribed courses for Grades X, XI, and XII are those of the Vocational Commercial Departments. If the number of pupils enrolled in Grades XI and XII of the Commercial Departments is too small to justify separate classes in History of Commerce and Economics, such pupils may be grouped with the classes in History of the General Course.

Note 13.—Re Music and Art Options for Grades XI and XII, General Course

For the Secondary School Graduation Diploma only **one** of the following options may be counted: Art,

Music,

Music and Art.

Note 14.—Re History in Vocational Schools

In Vocational Schools, classes in Grades XI and XII will take the course in History of Commerce and Industry.

Note 15.—Re Shop Work of the Industrial Course, Grades XI and XII

Shop Work in Grades XI and XII should conform to the pattern of major and related shops as outlined in Circular Tech. 40. Commercial Work may be substituted for one of the related shop courses.

GRADE XIII

Note 16.—Re Grade XIII History

The reduced course in Grade XIII History is continued for 1950-51 and reads as follows:

- (1) For intensive study and Departmental examination requirements—Books 1, 2, 3, and chapters 25, 26, 31 to 34 inclusive, of Book 4 of the text “North America and the Modern World” (McInnis).
- (2) For extensive study but not required for Departmental examination, the remainder of Book 4 of the same text.

Note 17.—Physical Education

The course in Physical Education, the related course in Health, and relevant sections of Citizenship Corps Training will be included in one course known as Physical Education. Of the four periods per week allotted to this subject in each grade, three periods will be assigned to an activity programme either indoors or outdoors, and one period to classroom instruction. The revised course will be issued before September 1st, 1950.

3 periods only

Note 18.—Re Mathematical Tables for Grade XIII

At the Departmental examinations in Algebra, Geometry, Trigonometry and Statics, if mathematical tables are required, the 5-figure tables published by the Ryerson Press shall be used. At the Departmental examination in Mathematics of Investment, if mathematical tables are required, the 7-figure tables issued by the Department of Education shall be used.

In order that candidates may not be handicapped in writing Departmental examinations, principals might well encourage the use of the proper tables by their classes throughout the year.

Note 19.—Re Slide Rules

A candidate shall not be permitted to use a slide rule on any Departmental examination.

